



PATENT  
PD-YR0-55

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9/11/02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: WILLIAM D. NATIONS ET AL.  
Serial No.: 09/713,121  
Filed: November 15, 2000  
For: Broadband Communication Systems and Methods  
Using Low and High Bandwidth Request and Broadcast Links

: Date: April 27, 2002  
: Group Art Unit: 2681  
: Examiner: Jean A Gelin

### AMENDMENT

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

In response to the Office Action mailed August 15, 2002, please amend the above-identified patent application as follows.

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### IN THE CLAIMS

Please add the following new Claim.

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5 29. A data transmission system comprising:  
a two-way communication link comprising at least one satellite;  
at least one user terminal having two-way communication with the two-way  
communication link and comprising a cache for selectively caching data broadcast by way of the  
satellite of the two-way communication link; and  
at least one gateway having access to data and having two-way communication with the  
two-way communication link;  
which two-way communication link selectively comprises (1) low bandwidth data  
request and delivery channels, or (2) a low bandwidth data request channel and a high  
10 bandwidth data delivery channel, (or (3) terrestrial data request and delivery channels.

### REMARKS

Regarding the status of the present application, Claims 9, 18 and 26 have previously been canceled, Claims 1, 11 and 22 have been amended, Claim 29 has been added, and Claims 1-8, 10-25 and 27-29 are pending in this application. Reconsideration of this application is respectfully requested.

Claims 1, 2, 4, 11-17 and 19-23 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,151,497 issued to Yee et al. It is respectfully submitted that independent Claims 1 and 11 are not anticipated by, nor is it obvious in view of, the Yee et al. patent.